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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/27/2005

Mitchell S. Bigel Myers Bigel Sibley & Sajovec, P.A. P.O. Box 37428 Raleigh, NC 27627

EXAMINER					
HOANG, HUAN					
ART UNIT	PAPER NUMBER				

2827 DATE MAILED: 01/27/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,024	02/05/2004	Jae-woong Lee	5649-1221	5323

TITLE OF INVENTION: INTEGRATED CIRCUIT MEMORY DEVICES AND OPERATING METHODS THAT ARE CONFIGURED TO OUTPUT DATA BITS AT LOWER RATE IN A TEST MODE OF OPERATION

APPLN. TYPE	SMALL ENTITY	ISSUÉ FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/27/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILD BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh

indicated unless corrected l maintenance fee notification	below or directed otherwise	in Block 1, by (a) specifying a ne	ew correspondence address	will be mailed to the current ; and/or (b) indicating a sep	arate "FEE ADDRESS"
		any change of address)		Note: A certificate of	f mailing can only be used f	or domestic mailings of
7:	590 01/27/2005			Fee(s) Transmittal. The papers. Each addition	nis certificate cannot be used al paper, such as an assignm	for any other accompany
Mitchell S. Bigel				Ce	rtificate of Mailing or Tran	smission
Myers Bigel Sibley				I hereby certify that t	his Fee(s) Transmittal is bein	g deposited with the Un
P.O. Box 37428	•			addressed to the Ma	with sufficient postage for full Stop ISSUE FEE address	rst class mail in an envel above, or being facsim
Raleigh, NC 27627	•			transmitted to the US	PTO (703) 746-4000, on the	date indicated below.
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☐ "Fee Address" indicat	f correspondence address (or Change of Correspondence PTO/SB/122) attached. (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered attorneys or agents. If no name is listed, no name will be printed.					
PTO/SB/47; Rev 03-02 o Number is required.	or more recent) attached. Use	of a Customer	2 registered pa listed, no nam	atent attorneys or agents. If e will be printed.	no name is 3	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (p)	rint or type)		···
PLEASE NOTE: Unless	an assignee is identified be	low no assimee	data svill annear	on the natent. If an accion	ace is identified below, the d	locument has been filed
recordation as set forth in	37 CFR 3.11. Completion of	of this form is NOT	a substitute for	filing an assignment.		isotanioni hab book mog
(A) NAME OF ASSIGNI	EE	(B) RESIDENCE: (CITY and STATE OR CO	UNTRY)	
Please check the appropriate	assignee category or categor	ries (will not be pri	nted on the paten	t): 🗖 Individual 📮 C	orporation or other private gr	oup entity Governm
a. The following fee(s) are	enclosed:	4b	. Payment of Fee			
Issue Fee			A check in th	e amount of the fee(s) is en	closed.	
	mall entity discount permitte	d)	Payment by	credit card. Form PTO-203	8 is attached.	
Advance Order - # of	Copies		The Director	is hereby authorized by c	harge the required fee(s), or	credit any overpayment
5. Change in Entity Status	(from status indicated above				(onerese an extra e	opy or ans formy.
			b. Applicant	is no longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).
The Director of the USPTO in NOTE: The Issue Fee and Punterest as shown by the reco	is requested to apply the Issu ablication Fee (if required) w rds of the United States Pate	e Fee and Publicat rill not be accepted nt and Trademark	ion Fee (if any) o from anyone oth Office.	or to re-apply any previous her than the applicant; a reg	y paid issue fee to the application istered attorney or agent; or the	ation identified above. ne assignee or other part
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his collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proceed application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, about ting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the complete of the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the complete of the use						

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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Myers Bigel Sibley P.O. Box 37428	& Sajovec, P.A.		ART UNIT	PAPER NUMBER
Raleigh, NC 27627			2827	

DATE MAILED: 01/27/2005

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a h months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.